

Docket No.: 21581-00271-US  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Yoshiki Nakagawa, et al.

Application No.: 09/870,397

Group Art Unit: 1712

Filed: May 31, 2001

Examiner: M. Moore

For: FUNCTIONAL GROUPS-TERMINATED  
VINYL POLYMERS

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AMENDMENT

**Box Non-Fee Amendment**  
Commissioner for Patents  
Washington, DC 20231

01/17/2003 SSESHE1 00000096 220185 09870397  
02 FC:1251 110.00 CH

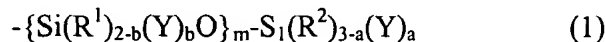
Dear Sir:

In response to the Office Action dated September 17, 2002 (Paper No. 7), please amend the above-identified U.S. Patent application as follows:

In the Claims

Please cancel claim 23 without prejudice to its reentry at some later date and amend claims 13, 17, 20 and 21 to read as follows:

13. (Amended) A vinyl polymer which has at least one terminal functional group per molecule and has a ratio of weight average molecular weight to number average molecular weight of less than 1.8 as determined by gel permeation chromatography, said terminal functional group being a crosslinking silyl group of the general formula (1) shown below, or a hydroxyl group of the general formula (8), (9), (10), (11) or (12) shown below,



wherein  $\text{R}^1$  and  $\text{R}^2$  each independently represents an alkyl group containing 1 to 20 carbon atoms, an aryl group containing 6 to 20 carbon atoms, an aralkyl group containing 7 to 20 carbon atoms, or a triorganosiloxy group of the formula  $(\text{R}')_3\text{SiO}-$ ,  $\text{R}'$  being a monovalent hydrocarbon